CLAIMS

1. A method for manufacturing an organic EL device in which at least a first electrode layer, a light-emitting layer, and a second electrode layer are sequentially formed above a substrate, the method for manufacturing an organic EL device comprising:

a step of forming the first electrode layer, a first terminal connected to the first electrode layer, and a second terminal to be connected to the second electrode layer above the substrate;

a step of forming the light-emitting layer so as to cover at least the first electrode layer and the second terminal;

a step of providing a conductive material for penetrating the light-emitting layer so as to be electrically connected to the second terminal; and

a step of forming the second electrode layer so as to be electrically connected to the conductive material.

2. A method for manufacturing an organic EL device in which at least a first electrode layer, a light-emitting layer, and a second electrode layer are sequentially formed above a substrate, the method for manufacturing an organic EL device comprising:

a step of forming the first electrode layer, a first terminal for the first electrode layer, and a second terminal for the second electrode layer above the substrate;

a step of forming the light-emitting layer so as to cover the first electrode layer and the second terminal;

a step of supplying a liquid containing a solvent that dissolves the light-emitting layer and a conductive material to a position above the light-emitting layer corresponding to the second terminal so as to form a throughhole, which extends to the second terminal, in the light-emitting layer using the solvent and so that the liquid remains in the throughhole;

a step of removing the solvent remaining in the throughhole so as to fill the throughhole with the conductive material; and

a step of forming the second electrode layer so as to be electrically connected to the conductive material and so as to cover a position at which the throughhole is provided.

3. A method for manufacturing an organic EL device in which at least a first electrode layer, a light-emitting layer, and a second electrode layer are sequentially formed above a substrate, the method for manufacturing an organic EL device comprising:

a step of forming the first electrode layer, a first terminal for the first electrode layer, and a second terminal for the second electrode layer above the substrate;

a step of forming the light-emitting layer so as to cover at least the first electrode layer

and the second terminal;

a step of supplying a liquid containing a volatile solvent that dissolves the light-emitting layer and a conductive material to a position on the light-emitting layer corresponding to the second terminal, so as to form a throughhole, which extends to the second terminal, in the light-emitting layer using the volatile solvent, and fill the throughhole with the conductive material removing the volatile solvent; and

a step of forming the second electrode layer at a position at which the throughhole is provided so as to be electrically connected to the conductive material.

4. A method for manufacturing an organic EL device according to Claim 2, further comprising forming a hole injection layer above the first electrode layer, wherein the solvent is a solvent that dissolves the hole injection layer.

5. A method for manufacturing an organic EL device according to Claim 3, further comprising forming a hole injection layer above the first electrode layer, wherein the volatile solvent is a solvent that dissolves the hole injection layer.

6. An organic EL device comprising:

at least a first electrode layer, a light-emitting layer, and a second electrode layer provided in that order above a substrate; and

a first terminal connected to the first electrode layer and a second terminal for the second electrode layer, which are formed above the same surface of the substrate as that above which the first electrode layer is provided;

wherein the second terminal and the second electrode layer are in electrical contact with each other through a conductive material penetrating the layer provided therebetween.

7. An electronic apparatus comprising an organic EL device, the organic EL device comprising at least a first electrode layer, a light-emitting layer, and a second electrode layer in that order above a substrate, and

a first terminal connected to the first electrode layer and a second terminal for the second electrode layer, which are formed above the same surface of the substrate as that above which the first electrode layer is provided;

wherein the second terminal and the second electrode layer are in electrical contact with each other through a conductive material penetrating the layer provided therebetween.

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